DATASHEET - M22-DP-G



Mushroom actuator, RMQ-Titan, Mushroom, momentary, Mushroom green, green, Blank, Bezel: titanium

Part no. M22-DP-G

216716

EL Number (Norway)

4355329

(Norway)	
General specifications	
Product name	Eaton Moeller® series M22 Mushroom actuator
Part no.	M22-DP-G
EAN	4015082167165
Product Length/Depth	37 millimetre
Product height	43 millimetre
Product width	37 millimetre
Product weight	0.016 kilogram
Compliances	CE Marked
Certifications	DNV CSA-C22.2 No. 14-05 IEC/EN 60947 CSA Std. C22.2 No. 94-91 UL Category Control No.: NKCR CSA Class No.: 3211-03 LR UL File No.: E29184 VDE 0660 CSA-C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 IEC/EN 60947-5 CSA UL 508 CSA File No.: 012528 UL CE IEC 60947-5 EN 60947-5 EN 60947-5 VDE GL
Product Tradename	M22
Product Type	Mushroom actuator
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Design	Classical Mushroom-shaped
Fitted with:	Front ring
Illumination	Non-illuminated
Inscription	Blank
Unlocking method	None
General information	
Degree of protection	NEMA 4X, 13 IP67/IP69K
Lifespan, mechanical	5,000,000 Operations
Opening diameter	22.5 mm
Operating frequency	3600 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 22 x 22 mm
Туре	Mushroom-headed pushbutton
Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Climatic environmental conditions	

Ambient postraing imparature - min		
Ambient storage temperature - min	Ambient operating temperature - min	-25 °C
Ambient strange temperature - max Climate propering Communication Commedication Commedication Commedication Commedication Actuator Actuator Actuator Grown Actuator Grown Actuator Commender of Commender	Ambient operating temperature - max	70 °C
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10.2.7 Inscriptions Meets the product standard's requirements. 10.3 Degree of protection of assemblies Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. 10.5 Protection against electric shock Does not apply, since the entire switchgear needs to be evaluated. 10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear needs to be evaluated. 10.7 Internal electrical circuits and connections Is the panel builder's responsibility. 10.8 Connections for external conductors Is the panel builder's responsibility. 10.9.2 Power-frequency electric strength Is the panel builder's responsibility. 10.9.3 Impulse withstand voltage Is the panel builder's responsibility. 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility The device meets the requirements, provided the information in the instruction	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.3 Degree of protection of assemblies 10.4 Clearances and creepage distances Meets the product standard's requirements. 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed.	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	Meets the product standard's requirements.
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10.8 Connections for external conductors 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.13 Mechanical function 10.14 Strength list the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 The device meets the requirements, provided the information in the instruction	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
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	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (pc)@ss13-27-37-12-12 (AKF03)019))

(ecl@ss13-27-37-12-12 [AKF030019])		
Colour button		Green
Construction type lens		Round
Diameter cap	mm	36.5
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0

Degree of protection (IP)		IP67/IP69K
Degree of protection (NEMA)		4X, 13
Type of button		Flat
Suitable for illumination		No
With lighting		No
Supply voltage lamp	V	0
Switching function latching		No
Spring-return		Yes
With front ring		Yes
Material front ring		Plastic
Colour front ring		Chrome
Suitable for emergency stop		No
Unlocking method		None